

**PROGRESS REPORT**  
**Fire Management Program**  
Hawaii Department of Land & Natural Resources  
Division of Forestry and Wildlife

**STATE:** Hawaii  
**GRANT YEAR:** 2003-2004  
**GRANT NUMBER:** 03-DG-11052012-106  
**GRANT EXPIRATION DATE:** 06.30.04  
**DATES COVERED BY THIS REPORT (Beginning):** 07.01.03  
**(Ending):** 12.30.03

**For each project in the original or reprogrammed grant narrative, please report on the following:**

**I STATUS (Completed, ongoing, or not yet begun):**

The fire program covered under the grant period is ongoing.

**II WHAT HAS BEEN ACCOMPLISHED:**

**PREVENTION**

- 1) DOFAW, along with Smokey Bear, presented Maui Electric Company Power Maintenance and Vegetation Control managers with a 'Fire Prevention Recognition' plaque with regards to the exceptional vegetative control work on power poles in Ukumehame.
- 2) Participated in the planning of the upcoming Prevention Workshop in February 2004.
- 3) Participated with Firewise in the Maui Association of Landscape Professionals Event at Kaahumanu Center in Celebration of Arbor Week.
- 4) Participated with Firewise in a meeting with the Kahikinui Hawaiian Homestead Association with 15 participants and the Kula Fire Engine Company present. Provided two highway prevention signs to the Association.
- 5) Participated with Firewise Training for the Kahikinui Hawaiian Homestead Association at Maui Community College with 8 participants as well as a County Fire Prevention Specialist present.
- 6) Firewise Community—a) Inspected lands owned by the Newtown Community Association in regards to compliance with Firewise Project. Validated removal of weedy species and landscaping work to reduce risk potential and fuel hazard reduction. Also engaged in discussions regarding more fire mitigation project(s) for possible grant assistance, b) With Denise Laitinen (Firewise Coordinator) and Lance LaPierre (Nature Conservancy), attended a meeting with Palehua-Palikea residents encouraging them to organize and implement Firewise community concepts for their remote and highly vulnerable neighborhood, c) Reviewed land use proposals for the Waiawa and Koa Ridge areas and made recommendations for "firesafing" several planned residential and industrial developments.
- 7) Created a ground inspection plan for the MECO power line corridor at Ukumehame.
- 8) Conducted a ground inspection of the MECO power line corridor at Ukumehame.

- 9) Maui Branch personnel along with Smokey Bear participated in the Fourth of July, Makawao Rodeo Parade on July 5, 2003. Approximately 5,000 spectators were present.
- 10) Continued to promote and handout Fire Prevention materials and brochures to the public.
- 11) Worked in cooperation with DLNR – State Parks Division to post two ‘Smokey Bear – Wildfire Prevention’ signs in Polipoli State Park to remind visiting public of the dry and fire prone conditions.
- 12) Posted ‘Smokey Bear – Wildfire Prevention’ sign at the Polipoli Road cattle guard entrance as a result of the continually dry conditions that the area had been experiencing. Approximately 3,000 vehicles enter the area every month.
- 13) Completed logistical and planning duties for Maui Branch personnel to participate in the Maui County Fair Parade.
- 14) Maui Branch personnel, along with Smokey Bear, participated in the Maui County Fair Parade on Oct. 3, 2003. DOFAW included their Gamma Goat, M-41 and M-5 with a trailer depicting wild land firefighters in action. Approximately 12,000 to 15,000 spectators were present.
- 15) Smokey Bear appeared at the Maui & Kauai County Fairs respectively, having been visited by approximately 4,500 children and parents.
- 16) Participated in MFD’s Fire Prevention Awareness Show on Oct. 8, 2003 at the Maui War Memorial Stadium. Displayed DOFAW’s gamma goat suppression vehicle and demonstrated some of its capabilities. Approximately 500 grade school students attended the show.

## **PRESUPPRESSION**

- 1) Continued to input Kula State Forest data for FireFamily weather monitoring.
- 2) Met with newly appointed fire chiefs of Maui and Kauai County, respectively; informed them of agency and DOFAW fire management programs and protocols.
- 3) Compiled historical wild land fire statistics for County Civil Defense reports.
- 4) Provided comments regarding the Mutual Aid Agreement between DOFAW and Maui County Fire Department.
- 5) Inspected fire danger in the Kuaokala Game Management Area (Oahu) and Kula Forest (Maui) due to increasing KBDI numbers.
- 6) Continued to input fire reports into agency database files.
- 7) Continued to collect monthly rain gauge, temperature and traffic tally readings at the Kula State Forest Reserve.
- 8) Continued to conduct field exercises with DOFAW Branch personnel on water handling, fire vehicle and pump operations, and the use of foam eductors.
- 9) Participated in the Fire Management Assistance Grant Workshops held statewide. The workshops touched upon qualifications for FEMA reimbursement.
- 10) Reconned Molokai State Forest Reserve and Molokai Ranch properties for possible ‘saddle tap’ sites to increase availability of additional water sources needed for fire suppression activities. Collaborated with

Harold Edwards (Molokai Ranch), Tony Ledesma and Randy Manaba (DOFAW) on plan and design of 'tap' security.

- 11) Cleared vegetation impeding on the Waiohuli firebreak access road (approximately half a mile).
- 12) Vegetation maintenance and control of black wattle along Polipoli Road (approximately 3 miles).
- 13) Updated Maui Branch fire suppression vendor list.
- 14) Conducted an informative meeting with Maui Branch Fire Logistics Staff in regard to agency's logistical procedures, protocols, equipment locations, etc. Meeting was intended to transition new logistics personnel.
- 15) Updated PPE's for DOFAW personnel. This included firepacks, new generation fire shelters, and fire boots.
- 16) Transferred 10 - 1" x 100' excess fire hoses and 24 excess fire flappers to MFD. (14 - Molokai, 10 - Kahului).
- 17) Provided MFD with adaptable hose fittings to allow for the use of the one-inch forestry hoses that have been recently transferred.
- 18) Created a fire burn plan for the Keanae Arboretum bamboo slash piles.
- 19) Conducted a 'training burn' at the Keanae Arboretum. Training burn was intended to instruct district personnel on proper uses of fire vehicles, fire equipment and supplies, hose lay setup, etc. under live fire conditions.
- 20) Continued on working in incorporating GPS/GIS technology into forestry and fire operations.
- 21) Continued to monitor RAWS data statewide.
- 22) Continued vegetation control in and around fenced RAWS locations.
- 23) Continued to work on Critical Annual Fire Refresher scheduling and teaching assignments.
- 24) Conducted and attended the annual DOFAW Fire Managers Core Group meeting on Kauai (Dec.10-11, 2003). Topics covered were upcoming fire training schedule, fire budgets FY'05, SFA, VFA, FEPP, fire reporting system, etc.
- 25) Posted two 'Keep Out - Burned Area' signs at the Lahaina Pali Trailhead parking lot area, as a result of a small brush fire that burned in the vicinity.
- 26) FEPP equipment were inventoried and updated statewide. This included the acquisition, transfer, and disposition of equipment.
- 27) Fire training records were updated for all DOFAW employees.
- 28) Attended meetings as part of the Maui and Big Island Wildfire Coordinating Groups.
- 29) The State Protection Forester attended the California/Nevada/Hawaii Forest Fire Council meeting in Reno, NV in October. He represented DOFAW and made a presentation at the conference, including an update on the Spring CNH meeting scheduled for April 14-16, 2004 on Kauai.
- 30) Worked with R5 staff on the training schedule for Spring 2004 for Hawaii.

- 31) Two DOFAW representatives attended the 25<sup>th</sup> Annual Conference of the Hawaii Fire Chiefs Association in Waikiki on Nov. 22-23, 2003. The attendance by DOFAW provided a balanced support of fire fighting leadership in Hawaii and gave impetus for changing the format and content of the annual confab.
- 32) The DOFAW Fire web site ([www.state.hi.us/dlnr/dofaw/fmp](http://www.state.hi.us/dlnr/dofaw/fmp)) was maintained and periodically updated during this period.
- 33) Statewide fire caches were updated and maintained.
- 34) Continued to perform fuel hazard reduction activities in and around T&E plant enclosures on the island of Hawaii.
- 35) Maintained 39.5 miles of road and fire access trails in the Waianae and Koolau Mountains.
- 36) Maintained 10.5 miles of fuel break in the Puu Ka Pele Forest Reserve, Kauai.
- 37) Maintained 4.5 miles of firebreak in the Puu Anahulu Game Management Area, Hawaii.
- 38) Maintained all RAWS sites statewide.
- 39) Continued to maintain the strategically placed fuel break at Waianae Kai Forest Reserve. Also, strategically planned the planting of native plants for a shaded fuel break in appropriate places along the fire fighting structure; may also include provisions for irrigation using water from a natural spring in the area.
- 40) Dispatched two DOFAW representatives to the Second International Wildland Fire Ecology and Fire Management Congress & Fifth Symposium on Fire and Forest Meteorology at Orlando, FL on November 16-20, 2003. (Trip Report available for review upon request.)

### **Suppression –**

- 1) During this reporting period, DOFAW was involved in suppressing 7 fires consuming 1,886 acres. This included 1 on Hawaii (30 acs.), 1 on Maui (60 acs.), 2 on Oahu (1,790 acs.) and 3 on Kauai (6 acs.)
- 2) The fire database was updated during this grant-reporting period.
- 3) The State Protection Forester was involved in the Fish Creek Complex Fire in Montana in August, serving as a Type II Safety Officer on the incident.

### **III PROBLEMS ENCOUNTERED (Including explanation if project is behind schedule; if necessary, prepare a separate grant extension):**

No problems were encountered in meeting the objectives of the grant.

### **IV CHANGES PLANNED (If narrative objectives would change, or if more than 10% of the grant funding would change categories, prepare a separate request for reprogramming):**

No changes planned at this time.

### **V OTHER COMMENTS:**

None.

**EXPENDITURES TO DATE:**

OVERALL SUMMARY (as of 11/30/03)	Grant Funds	Matching Funds
Original grant award (this program)	\$500,000	\$500,000
- What was spent before the period of this progress report	-0-	-0-
- What was spent and obligated during the period of this progress report	\$146,894.59	\$146,894.57
= Funds remaining	\$353,105.41	\$353,105.41

**BREAKDOWN OF GRANT EXPENDITURES DURING THIS REPORTING PERIOD:**

Item or category	\$ Spent	\$ Obligated
Salary	\$ 159,406.16	\$
Fringe (32.22%) + other payroll	\$ 51,360.99	\$
Other (travel, supplies, etc.)	\$ 80,921.01	\$
Contract	\$ 2,100	\$
Total	\$ 293,789.16	\$